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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/579,864	05/25/2000	Brent C. Hawks	STL9-2000-0034US1	9641
47069 7590 01/22/2010 KONRAD RAYNES & VICTOR, LLP ATTN: IBM54 315 SOUTH BEVERLY DRIVE, SUITE 210 BEVERLY HILLS, CA 90212				
EXAMINER				
MIRZA, ADNAN M				
ART UNIT		PAPER NUMBER		
2445				
NOTIFICATION DATE		DELIVERY MODE		
01/22/2010		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

krvuspto@ipmatters.com

Office Action Summary

Application No.

09/579,864

Applicant(s)

HAWKS ET AL.

Examiner

ADNAN MIRZA

Art Unit

2445

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 February 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 9-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 9-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
- Paper No(s)/Mail Date: _____

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date: _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. The instant application having Application 09579864 has a total of 7 claims pending in the application; there are 1 independent claim and 6 dependent claims, all of which are ready for examination by the examiner. This office action is in response to the applicant's Pre-Appeal request filed on February 21 2009.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 9-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Xu et al (U.S. 6,081,837) and Crozier (U.S. 5,392,390).

As per claims 1 Xu disclosed a method providing information describing a file system connection between a local file system located on local system and a host file system located on a host system, said method comprising: encoding a local system data structure comprising at least one tag representing the local file system; encoding a host system data structure comprising at least one tag representing the host file system, and encoding a mapping data structure comprising at least one tag representing a mapping between a file in the local file system and a file in the host file system (Col. 9, lines 6-20). Wherein the tags are in a meta language format, and wherein each tag has an

identifier and a set of one or more attributes and wherein the encoded local system data structures, host system data structure, host system data structure, host system data structure (col. 8, lines 57-64), and mapping data structure forms a file system connection descriptor; and mapping data structure forms a file system connection descriptor; and using the file system connection descriptor to access the host file indicated in the mapping data structure (col. 14, lines 9-23).

However Xu did not disclose in detail a transfer type that defines a data format for transferring data between the host system and local system to support remote editing of files in the host file system from the local file system.

In the same field of endeavor Crozier disclosed, "The invention features a method for translating computer data from a source record structure to a different destination record structure. The method comprises the steps of first establishing a mapping between the fields of the two record structures by presenting the names of the fields of each of the record structures on a display and allowing a user to specify the correspondence between pairs of fields. The actual translations of files then makes use of this mapping to translate the data of a file from the source record structure to the destination record structure (col. 4, lines 3-13).

It would have been obvious to one having ordinary skill in the art at the time of the invention was made to have incorporated the invention features a method for translating

computer data from a source record structure to a different destination record structure. The method comprises the steps of first establishing a mapping between the fields of the two record structures by presenting the names of the fields of each of the record structures on a display and allowing a user to specify the correspondence between pairs of fields. The actual translations of files then makes use of this mapping to translate the data of a file from the source record structure to the destination record structure as taught by Crozier in the method and system of Xu to reduce and improve the process of connecting, mapping and converting files and directories from a one file system to second file system.

4. As per claim 9 Xu-Crozier disclosed wherein the mapping data structure comprises a local file extension data structure storing a local file extension (Cozier, col. 9, lines 42-49); a host file pattern data structure storing a pattern describing a host file to which the local file extension will be applied (Cozier, Col. 10, lines 15-24).
5. As per claims 10 Xu-Crozier disclosed wherein the mapping data structure further comprises a host codepage data structure storing an identification of a host codepage in which data in the host file is encoded (Xu, col. 15, lines 16-21); and a local-codepage data structure storing an identification of a local codepage in which data in a local file is encoded (Xu, col. 15, lines 24-33).

6. As per claims 11 Xu-Crozier wherein the host system data structure comprises: a data structure storing an identification of the host system; a data structure storing an identification of a user of the host system (Xu, col. 21, lines 15-26); a data structure storing an identification of a preferred drive on the local system; and a data structure storing an indication that the preferred drive be automatically connected by default when a remote connection is established with the host system(Xu, Col. 25, lines 16-31).

7. As per claims 12 Xu-Crozier disclosed wherein the host system data structure further comprises data storing an identification of a list of qualifier data structures, wherein each qualifier data structure stores a qualifier name, a name identifying directory on the host system (Xu, col. 6, lines 3-17), and an identification of the file attributes of a file located in the host system directory (Xu, col. 8, lines 57-64).

8. As per claims 13 Xu-Crozier disclosed the file system connection descriptor encoded in a tagged meta language document comprising one or more tags, each tag having an identifier and a set of one or more attributes (Xu, col. 8, lines 57-64).

9. As per claims 14 Xu-Crozier disclosed wherein the tagged meta language is Extensible Markup Language (XML) (Xu, col. 8, lines 57-64). One having ordinary skill in the art at the time of the invention understands XML as being part of the metadata format.

Response to Arguments

10. Applicant's arguments with respect to claims 1, 9-14 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

12. The examiner can normally be reached on Monday to Friday during normal business hours. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, SRIVASTAVA VIVEK can be reached on (571)-272-7304. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2445

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).

Adnan Mirza

/A. M. M./

Examiner, Art Unit 2445